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| FORM PTO 1390<br>(REV 5-93)  |   | US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NUMBER<br>2005-1856A  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. §371  |   |   | U.S. APPLICATION NO.<br>(if known, see 37 CFR 1.57)<br>NEW <b>10/558273</b> |
| International Application No.<br>PCT/JP2004/007163   | International Filing Date<br>May 26, 2004 | Priority Date Claimed<br>May 27, 2003                 |   |
| Title of Invention<br>METHODS AND EQUIPMENTS FOR DEMINERALIZING CONDENSATE   |   |   |   |
| Applicant(s) For DO/EO/US<br>Takeshi IZUMI et al.  |   |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |   |   |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. §371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. §371.</li> <li><input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).</li> <li><input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. §371(c)(2)) <ol style="list-style-type: none"> <li><input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li><input checked="" type="checkbox"/> A translation (PCT Request, 16 pages and Figs. 1-3 (A4P)) of the International Application into English (35 U.S.C. §371(c)(2)).</li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)). <ol style="list-style-type: none"> <li><input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been transmitted by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19.</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)).</li> <li><input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).</li> </ol> |   |   |   |
| Items 11. to 14. below concern other document(s) or information included:  |   |   |   |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A FIRST preliminary amendment.<br/><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li><input checked="" type="checkbox"/> Other items or information: (a) Forms PCT/IB/304 and 308; (b) International Search Report; and (c) first two pages of published International application (WO 2004/107354).</li> </ol>   |   |   |   |

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975.

|  |              |  |   |                                     |              |
|--|--------------|--|---|-------------------------------------|--------------|
| U.S. APPLICATION NO. <b>107558273</b><br>NEW   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/007163 |   | ATTORNEY'S DOCKET NO.<br>2005-1856A |              |
| 15. <input checked="" type="checkbox"/> The following fees are submitted   |              |  |   | CALCULATIONS                        | PTO USE ONLY |
| Basic National Stage Fee ..... \$300.00<br>National Stage Search Fee..... \$400.00<br>National Stage Examination Fee..... \$200.00<br>Specification/drawings in excess of 100 pages (units of 50 x \$250.00) = ..... \$  |              |  |   |                                     |              |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |              |  |   | \$900.00                            |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |  |   | \$                                  |              |
| Claims   | Number Filed | Number Extra                                       | Rate  |                                     |              |
| Total Claims   | 4 - 20 =     | 0  | X \$50.00   | \$                                  |              |
| Independent Claims   | 1 - 3 =      | 0  | X \$200.00  | \$                                  |              |
| Multiple dependent claim(s) (if applicable)  |              |  | + \$360.00  | \$                                  |              |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |  |   | \$900.00                            |              |
| <input type="checkbox"/> Small Entity Status is hereby asserted. Above fees are reduced by 1/2.  |              |  |   | \$                                  |              |
| <b>SUBTOTAL =</b>  |              |  |   | \$900.00                            |              |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |  |   | + \$                                |              |
| <b>TOTAL NATIONAL FEE =</b>  |              |  |   | \$900.00                            |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |              |  |   | \$ 40.00                            |              |
| <b>TOTAL FEES ENCLOSED =</b>   |              |  |   | \$940.00                            |              |
|  |              |  |   | Amount to be refunded               | \$           |
|  |              |  |   | Amount to be charged                | \$           |
| a. <input checked="" type="checkbox"/> A check in the amount of <u>\$940.00</u> to cover the above fees is enclosed. A duplicate copy of this form is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. 23-0975 in the amount of \$_____ to cover the above fees.<br>A duplicate copy of this sheet is enclosed.<br>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0975</u> . |              |  |   |                                     |              |
| <b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>   |              |  |   |                                     |              |
| 19. CORRESPONDENCE ADDRESS<br><br><br><div style="text-align: center; margin-top: 20px;">           CUSTOMER NO.<br/> <b>000513</b> </div>   |              |  | <div style="text-align: center;"> <br/>           Michael R. Davis,<br/>           Registration No. 25,134<br/><br/>           WENDEROTH, LIND &amp; PONACK, L.L.P.<br/>           2033 "K" Street, N.W., Suite 800<br/>           Washington, D.C. 20006-1021<br/>           Phone: (202) 721-8200<br/>           Fax: (202) 721-8250<br/><br/>           November 23, 2005         </div> |                                     |              |

[CHECK NO. 71316]

[2005-1856A]

VERIFICATION OF A TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below;

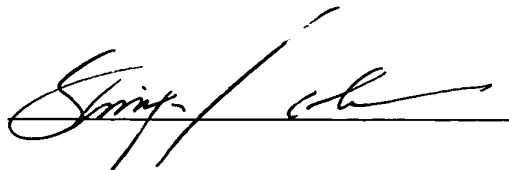
That I am knowledgeable in the English language and in the language in which the below identified application was filed, and that I believe the English translation of International Application No. PCT/JP2004/007163 is a true and complete translation of the above-identified International Application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated this 22nd day of November, 2005

Full name of the translator: Shinya HOSOKAWA

Signature of the translator:



Post Office Address: c/o YUASA AND HARA, Section 206,  
New Ohtemachi Bldg., 2-1,  
Ohtemachi 2-chome, Chiyoda-ku,  
Tokyo, JAPAN

**Filing Receipt**

**May 26, 2004**

**Commissioner of the Patent Office**

|                               |                          |
|-------------------------------|--------------------------|
| <b>To: Discrimination No.</b> | <b>100089705</b>         |
| <b>Attorney (Name)</b>        | <b>Mr. Ichio SHAMOTO</b> |
| <b>Submitted date</b>         | <b>May 26, 2004</b>      |

**Received the following document**

| <b>No. Document</b>                    | <b>Arrangement No.</b> | <b>Receipt No.</b> | <b>Filing Receipt<br/>(indication of case)</b> |
|--|------------------------|--------------------|--|
| <b>1 International<br/>Application</b> | <b>YCT-950</b>         | <b>50400874687</b> | <b>PCT/JP2004/007163</b>                       |